
Tensorboard

DL for MOi workshop 2022

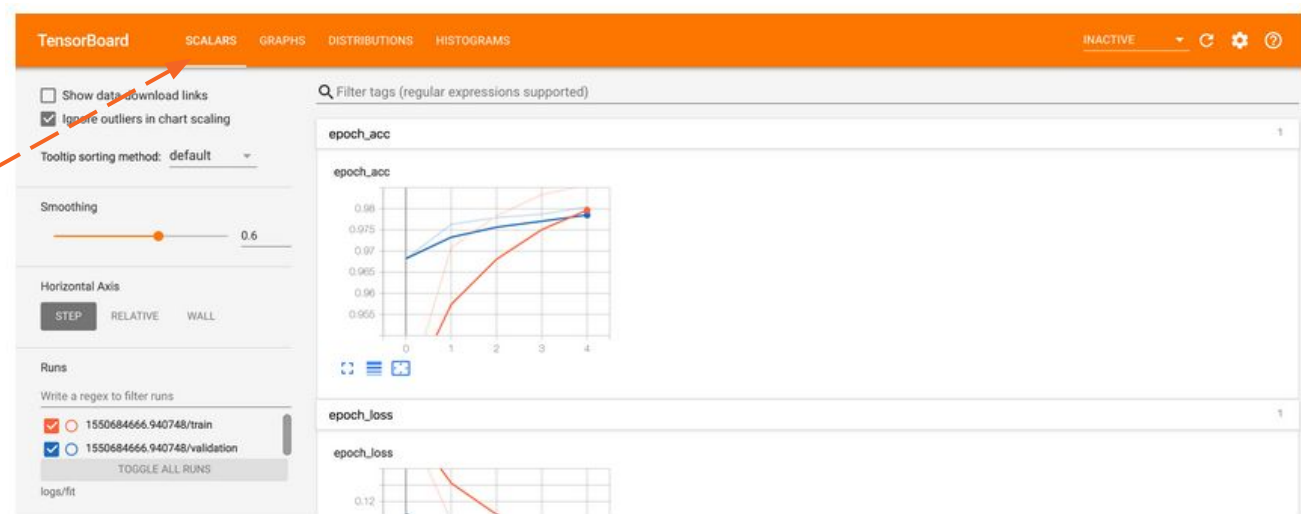
What board ?

An interactive tool to visualize and compare :

- loss
 - accuracy
 - other metrics
- +
- images
 - model graph
 - hyperparameters
-

Visualize and compare

tabs
(scalars, graphs, hyperparameters etc)



From jupyter notebook

```
1. %load_ext tensorboard
2. %tensorboard --logdir logs
```

```
3. from torch.utils.tensorboard import SummaryWriter
4. writer = SummaryWriter(log_dir = "logs/exp_"+str(NB_RUN)+'/')
5. writer.add()
```

 Now, you can add any scalar, image (as a tensor), your model graph etc to the TensorBoard !

doc : <https://pytorch.org/docs/stable/tensorboard.html>

tuto : https://pytorch.org/tutorials/recipes/recipes/tensorboard_with_pytorch.html
